

EX PARTE OR LATE FILED

Docket 222

# Congressional

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DLF 83-24-93

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PLEASE MAKE 2 EXTRA COPIES OF INCOMING, ATTACHMENTS,

2418 RAYBURN HOUSE OFFICE BUILDING  
WASHINGTON, DC 20515-0524  
(202) 225-3976

DISTRICT OFFICE  
8425 WEST 30 STREET  
SUITE 400  
LOS ANGELES, CA 90048-4183  
(213) 651-1040

**Congress of the United States**

**House of Representatives**

**Washington, DC 20515-0524**

**HENRY A. WAXMAN**

**24TH DISTRICT, CALIFORNIA**

**March 8, 1993**

**COMMITTEES:**

**ENERGY AND COMMERCE**

**CHAIRMAN, SUBCOMMITTEE ON  
HEALTH AND THE ENVIRONMENT**

**GOVERNMENT OPERATIONS  
SELECT COMMITTEE ON AGING**

**PHILIP M. SCHILIRO  
ADMINISTRATIVE ASSISTANT**


James H. Quello  
Acting Chairman  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, D.C. 20554

Dear Chairman Quello:

I wanted to bring to your attention several additional constituent letters I have received regarding PR Docket 92-235. All of these constituents oppose the FCC's proposed rules under PR Docket 92-235 because they would reduce the number of frequencies available in the 72-76 MHz band to model aircraft fliers. I request that their views be taken into consideration during the FCC's deliberations on this matter.

With kind regards, I am

Sincerely,

  
HENRY A. WAXMAN  
Member of Congress

HAW:1kg

**Christopher M. Adams, Ph. D.**

**P. O. Box 781**

**Pacific Palisades, California 90272**

**(310)459-1723**

March 1, 1993

The Honorable Henry A. Waxman  
United States House of Representatives  
Washington, DC 20510

Dear Representative Waxman:

I am a model designer and manufacturer in the radio control sailplane and electric power plane area. I have been active in the modelling field for more than 20 years and have been involved with many areas of research and development, as well as investigations of new technologies.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies, in response to the money making desires of the mobile industry, by splitting them into narrower bandwidth and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies, in use by many hundreds of thousands of model flyers, that are presently available for model airplanes, only 19 frequencies will be left if these new rules are adopted.

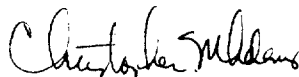
When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders, and the protection of property. Many of our safety precautions involve the careful consideration and use of the radio control frequencies, along with model and radio reliability. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety greatly decreased.

Please understand that many model airplanes have wingspans of up to 10 feet, weigh as much as 30 or 40 pounds, and have speeds ranging from 10 mph for gliders to over 120+ mph for racing planes. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly models at organized events and contests where hundreds of operator participate. We need the full use of our complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry. It also provides many people with manufacturing jobs.

Please help me continue the safe enjoyment of my pastime and livelihood by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely yours,



Christopher M. Adams  
Assistant Professor

2-13-93

HONORABLE HENRY WAXMAN  
RE: PR DOCKET 92-235

I URGE YOU TO OPPOSE THE NEW  
REGULATIONS IN THE ABOVE MATTER.

MYSELF AND FELLOW RADIO-CONTROL  
HOBBISTS HAVE SPENT THOUSANDS OF  
DOLLARS WHICH ARE PLACED IN DANGER  
BY NEW REGULATIONS. THESE CHANGES  
ALSO POSE NEW SAFETY CONCERNS.  
PLEASE OPPOSE PR DOCKET 92-235.

SINCERELY,



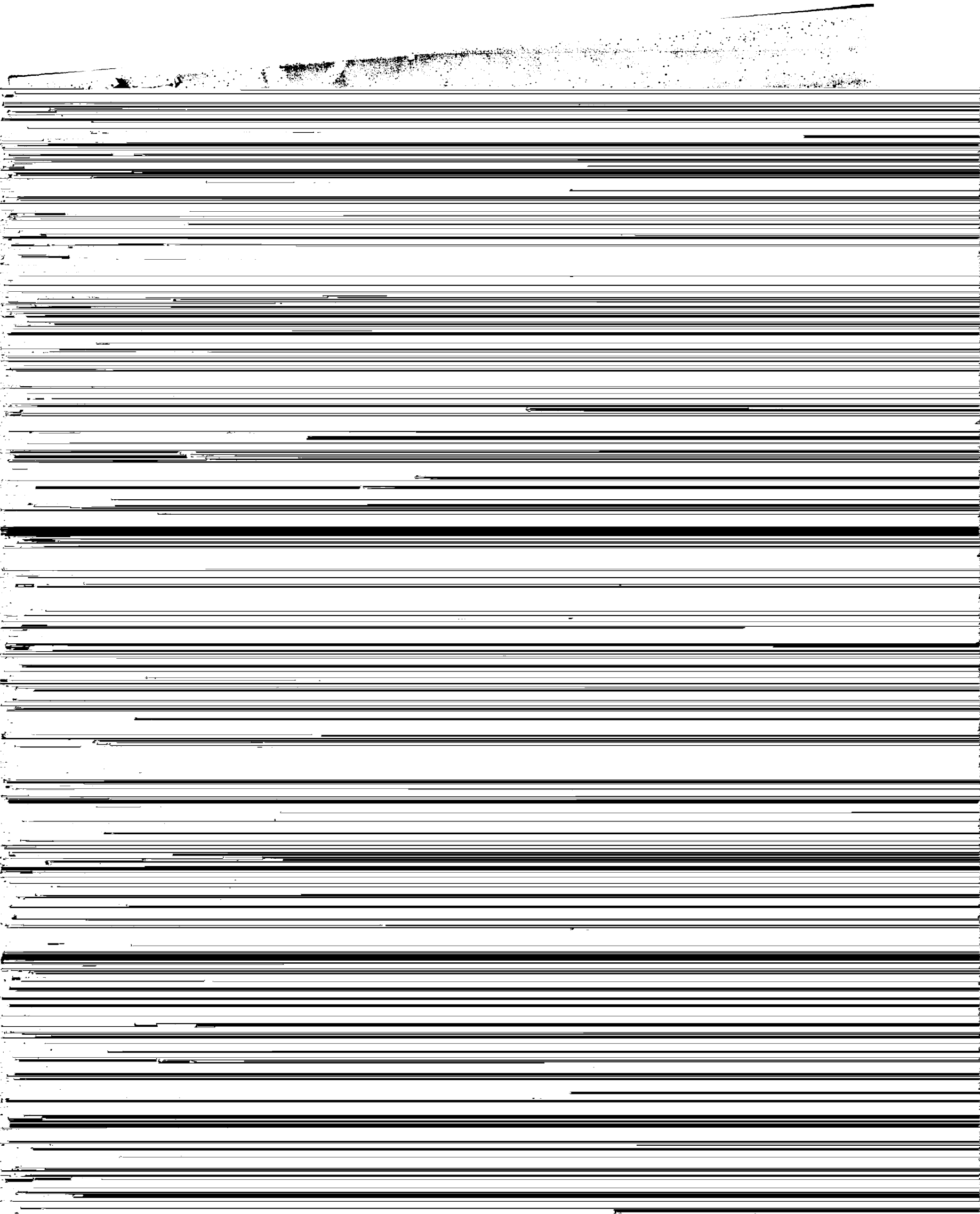
TERRY KOSAKA  
1179 QUEEN ANNE PL.  
L.A. CA 90019

RE. FCC PR DOCKET 912-235

1303 AVENIDA DE CORTEZ  
PACIFIC PALISADES  
CALIFORNIA 90272

2-15-93

DEAR MR WAXMAN:



**GEORGE W. FINCH**  
18127 Wakecrest Drive  
Malibu, CA 90265

February 25, 1993

(213) 488-7511  
(310) 459-1577

The Honorable Henry A. Waxman  
U.S. House of Representatives  
Washington D.C. 20515

Dear Mr. Waxman:

I am an patent attorney who builds radio control radio aircraft as well as the radios that go into them as a way to keep my hand in engineering and for relaxation. I am a Contest Director and Leader Member of the Academy of Model Aeronautics and a past president of the San Fernando Valley R/C Flyers club, where I teach Southern California youth basic engineering skills and run contests where those skills are tested.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our 50 radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band presently are far enough apart from the land mobile frequencies that we have been able to share the band without interference, except on those rare occasions when someone is operating out of specification equipment.

For your constituents in California, the FCC is proposing to make 31 of those frequencies unsafe to use almost anywhere but away from highways in the desert. In fact the 31 frequencies will be unsafe anywhere but rural Alaska! The FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. The way the FCC regulations are written, it will be legal for a ground mobile operator to operate exactly on the radio control frequencies, when equipment tolerances are considered. The present radio control frequencies went into full effect in 1991, requiring



modelers to buy new expensive radios on new frequencies. Now the FCC is going to force your constituents to scrap or go through expensive frequency changes on 60% of their existing radio control systems.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is

The Honorable Henry A. Waxman 7-0 92

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The Honorable Anthony Dellenzo  
U.S. House of Representatives  
Washington, DC 20515

Leonard N. Shilton  
2512 Westwood Blvd.  
L.A., Ca. 90064

Dear Congressman:

February 18, 1993

Even though we are all facing enormous problems at this time, there are also smaller problems which affect many citizens and small businesses.

One of these is the FCC's proposed frequency changes (Docket 92-237).

This will seriously impact the hobby sport of radio-controlled aircraft. In addition to being a very enjoyable activity, it is educational for adults and young people and a not inconsiderable business throughout the nation.

The frequency changes will make a lot of sophisticated electronic equipment useless and at great expense to a lot of nice people. More importantly, with the possibility of radio interference causing often quite heavy models uncontrollable, there are potential grave safety risks.

It would be nice to figure that there are still some activities which are immune from being ruined by the hands of big brother.

Thank you very much for giving this issue your consideration.

Sincerely,

Leonard N. Shilton

Leonard N. Shilton

23 February 1993

The Honorable Anthony Beilenson  
U.S. House of Representatives  
Washington, D.C. 20515

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Refer

Dear Mr. Beilenson:

I am retired and derive many hours of pleasure from constructing and operating radio controlled model airplanes. I am also active in a local club whose 200 plus members share the same enjoyment.

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72-76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

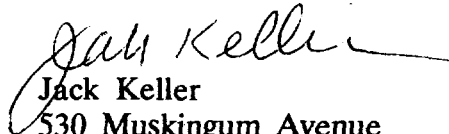
When we fly our models under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weight as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

  
Jack Keller  
530 Muskingum Avenue  
Pacific Palisades, CA 90272